

For Research Use Only

# AKIRIN1 Polyclonal antibody, PBS Only

Catalog Number: 22649-1-PBS



## Basic Information

<b>Catalog Number:</b> 22649-1-PBS	<b>GenBank Accession Number:</b> BC119745	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 100ug, Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 79647	
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q9H9L7	
<b>Isotype:</b> IgG	<b>Full Name:</b> akirin 1	
<b>Immunogen Catalog Number:</b> AG18530	<b>Calculated MW:</b> 192 aa, 22 kDa	
	<b>Observed MW:</b> 22 kDa	

## Applications

**Tested Applications:**  
IP, Indirect ELISA

**Species Specificity:**  
human

## Background Information

Akirin1 is a highly conserved ubiquitously expressed nuclear protein harboring a clear nuclear localization signal and the protein-protein interaction property. Acting as a cofactor, Akirin1 has been disclosed that regulate transcriptional activities by establishing a link between multiple transcription factors and chromatin remodeling complexes (PMID: 39188701). Akirin1 has been shown to be involved in the induction of cardiac hypertrophy via miR-1 and serum response factor (SRF) in mice (PMID: 30746755).

## Storage

**Storage:**  
Store at -80°C.

**Storage Buffer:**  
PBS only, pH7.3

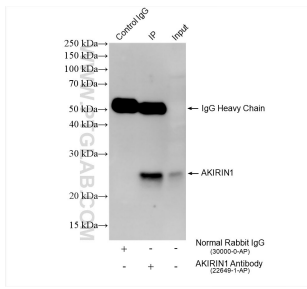
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## Selected Validation Data



IP result of anti-AKIRIN1 (IP:22649-1-AP, 4ug; Detection:22649-1-AP 1:500) with U-251 cells lysate 1200 ug. This data was developed using the same antibody clone with 22649-1-PBS in a different storage buffer formulation.